

# How to Measure A Conveyor Belt

## Compound Balanced Weave Belts (CB)

Correct conveyor belt measurement is vital for businesses that need repairs, replacements, or to match an existing belt.

### Conveyor Belt Measuring Tool for Compound Balanced Weave Belts

Below, we have provided the conveyor belt measurement formula and diagrams needed specifically to measure compound balanced weave belts.

**Formula Example: CB-3-28-72-14**

#### Step 1:

Determine mesh width and length needed.

#### Step 2:

Count the number of rods it will take to disconnect the belt. (3)

Count the number of rods inserted into one spiral (4)

#### Step 3:

Measure the loops across the width in 12" increments. (28) See A in the diagram.

Measure the spirals down the length in 12" increments. (72) See B in the diagram.

#### Step 4:

Measure the connecting rod wire diameter. (.080") See C in the diagram.

Measure the spiral wire diameter. (.080") See D in the diagram.

#### Step 5:

Match the decimal sizes in inches to their corresponding wire gauge equivalents. (14) See table E.

#### Step 6:

Determine/provide mesh material. [View our material chart on our website.](#)

Wire-Mesh Products is dedicated to creating custom-engineered solutions for any belt. Contact us to see how we can meet your belting needs today.

For more information and resources, please visit: [wire-mesh.com](http://wire-mesh.com)

Tabular Data and Cross Sectional Properties for Wire Gauge	
Wire Gauge No.	Decimal Equiv. Size (in.)
4	.225
5	.207
6	.192
7	.177
8	.162
9	.148
10	.135
11	.120
12	.105
13	.091
14	.080
15	.072
16	.063
17	.054
18	.047
19	.041
20	.035
21	.031
22	.028
23	.025
24	.023

